

| 1                     | 2   | 3     | 4       | 5  |
|-----------------------|---|-------|---------|--|
|                       |   |       |         | Accordingly, MSEB agreed to review the DPR already submitted to CEA and would submit the revised DPR to CEA for their approval.                      |
| 3.                    | Tenughat TPP<br>St. II 2/89<br>Bihar                  | 3x210 | NA      | Non-availability of funds  |
| 4.                    | Panipat ST-IV<br>Unit-6<br>7/89<br>Haryana            | 210   | 12/2000 | Paucity of funds   |
| <b>CENTRAL SECTOR</b> |   |       |         |  |
| 1.                    | Farakka STPS<br>St. III Unit-6<br>9/89<br>West Bengal | 500   | NA      | Due to non-availability of water in the area after Indo-Bangladesh Water Treaty and also low demand in Eastern Region, the scheme has been deferred. |

**Demand and supply of electricity**

2242. SHRI K. RAHMAN KHAN: Will the Minister of POWER be pleased to state:

(a) what is the gap between the demand and supply of electricity in the country; and

(b) the details of projects, both indigenous and foreign, approved during the last two years to meet this gap?

**THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA):** (a) The energy requirement and availability in the country during the period April—November, 1999 was 3,11,148 MU and 2,95,021 MU respectively, and there was a shortage of 16,127 MU (5.2%). The peak demand and peak met during April to November, 1999 was 68,385 MW and 59,435 MW respectively, and there was a shortage of 8,950 MW (13.1%).

(b) Details of thermal and hydro power projects techno-economically cleared by Central Electricity Authority during 1997-98 and 1998-99 is given in statements I and II.

## Statement-I

*Details of schemes cleared techno-economically by CEA during 1997-98***THERMAL SCHEMES**

| Sl. No. | Name of Scheme/State/Executing Agency                                      | Installed Estd. Capacity cost (MW) | Date of CEA clearance                                 |                          |
|---------|--|------------------------------------|---|--------------------------|
| 1       | 2  | 3                                  | 4   |                          |
|         | U.P.   |                                    |   |                          |
| 1.*     | Rosa TPP Phase I<br>(M/s. Indo-Gulf Fertilizers and Chemicals Corpn. Ltd.) | 2x283.5=567                        | US\$ 280.7267 M<br>+Rs. 1435.5784 Crs.                | 20.8.1997                |
|         | M.P.   |                                    |   |                          |
| 2.*     | Bina TPS<br>(M/s. Bina Power Supply Co.)                                   | 2x289=578                          | US\$175.412M<br>+Rs. 1820.627 Crs.                    | 28.5.1997                |
| 3.*     | Narsinghpur Naphtha based CCGT Plant<br>(M/s. GBL Power Ltd.)              | 166                                | US\$ 77.74 M<br>+Rs. 253.697 Crs.                     | 20.6.1997                |
| 4.*     | Korba (West) TPP<br>(M/s. India Thermal Power Ltd.)                        | 2x210=420                          | US\$ 164.643 M<br>+DEM 169.730 M<br>+Rs. 834.351 Crs. | 15.7.1997                |
| 5.*     | Peach TPP<br>(M/s. Power India Ltd.)                                       | 2x250=500                          | US\$ 284.908 M<br>+Rs. 1172.155 Crs.                  | 20.8.1997                |
| 6.*     | Guna CCGT Project<br>(M/s. STI Power India Ltd.)                           | 347.25                             | US\$ 160.52 M<br>+Rs. 509.54 Crs.                     | 27.8.1997 &<br>18.9.1997 |
| 7.*     | Bhilai TPP<br>(M/s. Bhilai Power Supply Co. Ltd.)                          | 2x287=574                          | US\$ 419.699 M<br>+ Rs. 999.781 Crs.                  | 12.9.1997                |
| 8.*     | Raigarh TPP Phase-I<br>(M/s. Jindal Power Ltd.)                            | 2x275=550                          | US\$ 85.176 M<br>+DEM 240.676 M<br>+Rs. 1628.075 Crs. | 17.10.1997               |
| 9.*     | Bhander CCGT Project<br>(M/s. Bhander Power Ltd.)                          | 2x112GT+<br>1x1188 ST=342          | US\$ 197.662 M<br>+Rs. 346.514 Crs.                   | 26.12.1997               |
| 10.*    | Pithampur DGPP<br>(M/s. Shapoorji Pallonji Power Co. Ltd.)                 | 119.7                              | US\$ 68.729 M<br>+Rs. 174.053 Crs.                    | 20.01.1998               |
| 11.*    | Ratlam DGPP<br>[M/s. GVK (Ratlam)]<br>Power Ltd.)                          | 118.63                             | US\$ 73.88 M<br>+Rs. 163.162 Crs.                     | 20.01.1998               |
|         | Maharashtra  |                                    |   |                          |

(\*) Private Sector proposal.

| 1         | 2   | 3              | 4   |                           |
|-----------|---|----------------|---|---------------------------|
| 12.*      | Patalganga CCGT Project<br>(M/s. Reliance Patalganga<br>Power Ltd.)<br>Andhra Pradesh                   | 447            | US\$ 319.02 M<br>+Rs. 246.66 Crs.                       | 26.12.1997                |
| 13.*      | Ramagundam TPS<br>(M/s. BPL Power Projects<br>A.P. Ltd.)  | 2x260=<br>520  | US\$ 369.30 M<br>+Rs. 1073.56 Crs.                      | 29.5.1997                 |
| 14.*      | Kondapalli CCGT Project<br>(M/s. Kondapalli Power<br>Corpn. Ltd.)<br>Tamil Nadu                         | 350            | US\$ 180.616 M<br>+Rs. 385.254 Crs.                     | 15.01.1998                |
| 15.*      | Tuticorin TPP Stage IV<br>(M/s. SPIC Electric Power<br>Corpn. Ltd.)                                     | 1x525=<br>525  | US\$ 321.859 M<br>+ DEM 145.893 M<br>+ Rs. 877.339 Crs. | 03.6.1997                 |
| 16.*      | Samayanallur DGPP<br>(M/s. Balaji Power<br>Corpn. Ltd.)   | 106            | US\$ 59.840 M<br>+ Rs. 150.845 Crs.                     | 20.01.1998                |
| 17.*      | Samalpatti DGPP<br>(M/s. Samalpatti Power<br>Co. Ltd.)<br>Bihar   | 106            | US \$ 61.222 M<br>+ Rs. 153.098 Crs.                    | 20.01.1998                |
| 18.*      | Jojobera TPP<br>(M/s. Jamshedpur Power<br>Corpn. Ltd.)<br>Orissa  | 2x120=<br>240  | Rs. 1025.19 Crs.  | 04.12.1997                |
| 19.       | Talcher STPP Stage II<br>(NTPC)<br>Manipur  | 4x500=<br>2000 | US \$ 863.180 M<br>+ Rs. 3468.325 Crs.                  | 05.9.1997 &<br>23.10.1997 |
| 20.       | Heavy Fuel Oil based<br>Leimakhong DG Plant<br>(Manipur State Power<br>Development Corpn.)<br>Rajasthan | 6x6=36         | US \$ 17.3815 M<br>+ Rs. 50.8113 Crs.                   | 16.10.1997                |
| 21.*      | Dholpur Naptha based<br>CCGT Project<br>(M/s RPG Dholpur Power<br>Co. Ltd.)                             | 702.7          | US \$ 364.29 M<br>+ Rs. 855.133 Crs.                    | 13.02.1998                |
| Total (T) |   | 9315.28 MW     |   |                           |
| (*)       | Private Sector proposal.  |                |   |                           |

[22 December, 1999]

## RAJYA SABHA

*Details of schemes cleared techno-economically by CEA during 1997-98*

## HYDRO SCHEMES

| Sl. No. | Name of Scheme/State/Executing Agency   | Installed Capacity (MW) | Estd. Cost                           | Date of CEA Clearance |
|---------|---|-------------------------|--------------------------------------|-----------------------|
|         | Uttar Pradesh   |                         |                                      |                       |
| 1.*     | Vishnuprayag H.E.P.<br>(M/s. Jaiprakash Industries Ltd.)<br>Mozoram                     | 4x100=<br>400           | US \$ 107.35 M<br>+ Rs. 1233.57 Crs. | 03.5.1997             |
| 2.      | Turial H.E.P.<br>(M/s. NEEPCO)<br>Total (H)<br>Total (T+H)=9315.28 MW+460 MW=9775.28 MW | 2x30=60<br><br>460 MW   | Rs. 448.19 Crs.                      | 20.6.1997             |
| (*)     | Private Sector proposal.  |                         |                                      |                       |

## Statement-II

*Details of schemes cleared techno-economically by CEA during 1998-99*

## THERMAL SCHEMES

| Sl. No. | Name of Scheme/State/Executing Agency  | Installed Capacity (MW)             | Estd. cost   | Date of CEA clearance    |
|---------|--|-------------------------------------|--|--------------------------|
| 1.      | Barsingsar Lignite based TPP in Rajasthan<br>(M/s. Hindustan Vidyut Corpn. Ltd.) | 2x250=500                           | US\$ 322.716 M<br>+Rs. 1090.08 Crs.                      | 20.4.1998                |
| 2.      | Khandwa CCGT Project in M.P.<br>(M/s. Madhya Bharat Emery Corporation Ltd.)      | 1x112.27 GT<br>+1x58.9<br>ST=171.17 | US\$76.0345 M<br>+Rs. 250.3315 Crs.                      | 28.5.1998                |
| 3.      | Kawas CCGT Stage II in Gujarat (NTPC)  | 650                                 | US\$ 226.87 M<br>+Rs. 734.96 Crs.                        | 01.5.1998 &<br>13.8.1998 |
| 4.      | Anta II CCGT Project in Rajasthan (NTPC)   | 650                                 | US\$ 226.89 M<br>+794.17 Crs.                            | 21.5.1998<br>13.8.1998   |
| 5.      | Bakreshwar TPP Unit 4&5 in West Bengal by M/s. Bakreshwar Power Generation Co.   | 2x210=420                           | US\$ 23.400 M+<br>J Yen 20544.270 M<br>+Rs. 925.157 Crs. | 26.5.1998                |

| Sl. No.   | Name of Scheme/State/Executing Agency                                  | Installed Estd. Capacity cost (MW) | Date of CEA clearance  |            |
|-----------|--|------------------------------------|--|------------|
| 6.        | Krishnapatnam 'B' TPS in A.P.<br>(M/s. BBI Krishnapatnam Power Co.)    | 2x260=520                          | US\$ 355.131 M<br>+Rs. 960.614 Crs.  | 16.6.1998  |
| 7.        | Gandhinagar TPS Unit 5 in Gujarat (M/s. GSECL)                         | 1x210=210                          | Rs. 643.65 Crs.  | 29.5.1998  |
| 8.        | Guna CCGT in M.P.<br>(M/s. STI Power India Pvt. Ltd.)                  | 330                                | US\$ 152.37 M<br>+Rs. 484.86 Crs.  | 22.7.1998  |
| 9.        | North Madras TPS St. III in T.N.<br>(M/s. Tri-Sakthi Energy Pvt. Ltd.) | 1x525=525                          | US\$ 147.915 M<br>+GBP 122.927 M<br>+F. Fr. 458.023 M<br>+Rs. 736.560 Crs. | 30.7.1998  |
| 10.       | Vypcan CCGT (LNG) Project in Kerala by<br>(M/s. Siasin Energy Ltd.)    | 679                                | US\$ 6.90 M<br>+S. Fr. 439.84 M<br>+Rs. 771.475 Crs.                       | 25.8.1998  |
| 11.       | Auriya CCGT St. II in U.P.<br>(NTPC)                                   | 650                                | US\$ 243.844 M<br>+Rs. 857.622 Crs.  | 28.9.1998  |
| 12.       | Gouripore TPP in W.B.<br>(M/s. Gouripore Power Co.)                    | 1x150=150                          | US\$ 28.07 M<br>+Rs. 548.566 Crs.  | 09.10.1998 |
| 13.       | Jhanor Gandhar CCGT Stage-II in Gujarat by NTPC                        | 650                                | US\$ 243.62 M<br>+Rs. 845.113 Crs.   | 16.10.1998 |
| 14.       | Ramagundam TPP in AP (NTPC)—   | 1x500=500                          | US\$ 185.020 M<br>+Rs. 1284.265 Crs.                                       | 18.11.1998 |
| 15.       | Ib Valley TPP in Orissa by M/s. AES Ib Valley Power Corpn. Ltd.        | 2x250=500                          | US\$ 326.02 M<br>+Rs. 983.90 Crs.  | 04.12.1998 |
| 16.       | Vemagiri CCGT in AP by M/s. Ispat Power Ltd.                           | 492                                | US\$ 248.020 M<br>+Rs. 638.223 Crs.  | 07.01.1999 |
| 17.       | Duburi TPP in Orissa by M/s. Kalinga Power Corpn. Ltd.                 | 2x250=500                          | US\$ 313.596 M<br>+Rs. 952.83 Crs.   | 11.02.1999 |
| Total (T) |  | 8097 MW                            |  |            |

*Details of schemes cleared techno-economically by CEA during 1998-99*

## HYDRO SCHEMES

| Sl. No.                                   | Name of Scheme/State/<br>Executing Agency  | Installed Estd.<br>Capacity<br>(MW) | Cost  | Date of CEA<br>Clearance          |
|---|--|-------------------------------------|---|-----------------------------------|
| 1.  | Chamera HEP St. II<br>in H.P. (NHPC)       | 3x100=300                           | US\$ 2.79 M<br>+DM 21.53<br>+Rs. 1304.59 Crs. | 27.5.1998<br>(174th)<br>23.7.1998 |
| 2.  | Malana HEP in H.P.<br>(RSWML)              | 2x43=86                             | Rs. 341.911 Crs.                              | 23.7.1998                         |
| 3.  | Loktak Downstream HEP<br>in Manipur (NHPC) | 3x30=90                             | Rs. 667.46 Crs.                               | 28.8.1998                         |
| 4.  | Teesta HEP St. V<br>in Sikkim (NHPC)       | 3x170=510                           | CHF 16.804 M<br>+Rs. 2523.56 Crs.             | 09.9.1998                         |
| 5.  | Tuivai HEP in Mizoram<br>(NEEPCO)          | 3x70=210                            | Rs. 1258.84                                   | 17.11.1998                        |
| Total                                     |  |                                     | 1196 MW                                       |                                   |
| Total (T+H) = 8097 MW + 1196 MW = 9293 MW |  |                                     |   |                                   |

## Reduction in Power Quota of U.P.

†2243. SHRI MANOHAR KANT DHYANI: Will the Minister of POWER be pleased to state:

(a) whether Government have reduced the quota of power being supplied to Uttar Pradesh from Unchahar, Narora and Dadri;

(b) whether such reduction in the quota by the above central projects has been made by three-fourths;

(c) if so, the reasons therefor; and

(d) the detail of the quantum of power supplied to Uttar Pradesh by these projects before and after the reduction, separately?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA) (a) to (d) On account of UPSEB not being able to meet its payment liability to the Central Sector Stations, some share of Uttar Pradesh in Central sector stations was diverted to other needy states who were ready to purchase power with appropriate financial guarantees. The present status of diverted shares of UP is as under:—

†Original notice of the Question was received in Hindi.